

Title: WATER RESOURCE CONTROL ENGINEER

Salary: \$4136 - \$6239

Posted: 10/25/2005

JOB DESCRIPTION. The California Regional Water Quality Control Board, San Diego Region (Regional Board) has a total of one position available for a Water Resource Control Engineer in the Water Quality Standards and Total Maximum Daily Load (TMDL) program.

DUTIES. The primary duties of the position include assessing water quality status and trends, preparation and implementation of the Regional Board's tri-annual planning project priority list, development; implementation, and interpretation of water quality standards and policies, and preparation of Total Maximum Daily Load (TMDL) Basin Plan amendments and related reports for Regional Board review or adoption. Technical work activities include determination of pollutant assimilative capacities of waterbodies, linking pollutants sources to receiving water quality, allocation of pollutant loads to sources, and evaluation of best management practices cost, feasibility and effectiveness. Additionally, this position will provide project direction and oversight for TMDL modeling work conducted by outside professionals including model selection, input data, calibration techniques, output, and review of modeling products and reports. The position also entails significant interaction, coordination, and meetings with dischargers and their representatives, governmental agencies, and the public on technical matters and policy implementation issues of varying complexity and sensitivity. Work activities involve making presentations before the Regional Board at public hearings and other agencies and groups on various technical and policy issues pertaining to the Regional Board's Basin Planning and TMDL programs. Other ancillary work activities include preparation and review of complex engineering calculations, technical correspondence, and reports and responding to a variety of public inquiries.

NECESSARY QUALIFICATIONS. Applications will be accepted from persons with eligibility for appointment to the Water Resource Control Engineer classification on a full time basis. Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the class. Candidates must have a good driving record and a valid California driver's license.

DESIRABLE QUALIFICATIONS. We are seeking persons with knowledge and experience in the interpretation of state and federal water quality control laws, regulations, and policies including water quality standards and TMDLs, as well as environmental, chemical, civil, and sanitary engineering principles relating to control of water pollution from point and nonpoint sources. Desirable qualifications include education or experience in the selection, calibration, and application of hydrodynamic and water quality models using point and nonpoint source data inputs to determine assimilative capacities of waterbodies, link pollutants sources to receiving water quality, allocate pollutant loads to sources and evaluate best management practice feasibility and effectiveness. Other desirable skills include proficiency in Microsoft Office and statistical analysis software; excellent verbal and written communication skills, ability to prioritize work on multiple tasks, manage time, and meet deadlines; and the ability to work effectively either independently or as a team member with the confidence and maturity necessary to interact successfully with a variety of discipline and personality types.

WHO MAY APPLY. Applications will be accepted from persons with eligibility for appointment to the Water Resource Control Engineer classification on a full time basis. Applications will be screened and only the most qualified will be interviewed. Please submit a standard State of California application (STD 678) and resume that details your education and employment experience to the attention of Equilla Harris, Staff Services Analyst. You may contact Equilla at (858) 636-3139 for further information.

Additional Information:

Working Title	Position Number(s)
Water Resource Control Engineer	
Location	County
San Diego	San Diego
Timebase	Tenure
Full Time	Permanent
Final Filing Date:	Department Link:
Until Filled	None Specified
Contact Unit/Address	Contact Name/Phone
California Regional Water Quality Control Board San Diego Region 9174 Sky Park Court, Suite 100 San Diego, California 92123-4340	Equilla Harris (858) 636-3139 EHarris@waterboards.ca.gov